

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

## G4CVI, SK

It is with great regret that word has been passed on of Richard G4CVI, who is now Silent Key. Richard and I go back many years, in fact in 1981 I built his first QRO amp for 432 MHz as a Christmas present. He also gave many of us a new country like 8R1, 9M6, V31, whilst he was running the communications in the Camel Trophy. This is a sad day! Richard, or Dick as he was known, completed the first UK EME 50 MHz QSO with the USA with WA4NJP a few years ago and was a great 50 MHz operator. We are all very sad about Richard's departure. --- GJ4ICD (1/24/97).

## DX Prospects For 1997

The following were picked up from the Internet and/or *Six News*.

**Marshall Islands:** Tim, N2PC, plans to return to the Marshall Islands with his family this March, and to reactivate V73AT. ---Tnx JAIVOK

**Indonesia:** "I a looking for a list of active or planned 6m beacons. 73, John WC3L/YB9. Dili, East Timor."

Frank, YC0UVO, is planning to be back on 6 sometime in March. All he has is a very short 3-band vertical and an IC-726 barefoot.

**Guatemala:** "I hope to be back active on SIX soon. I'm moving QTH in the next month or so. I hope by the next Es season to be up and ready. TG9AJR"

**Jordan:** George, JY9QJ, is interested in coming on 50 MHz. JY4MB has offered George a 50 MHz beam (probably the one left by the UKSMG in 1994). George has also asked about the beacon, JY4MB had forgotten about it and May 1997 has been suggested to get it on the air. de DL7AV via GJ4ICD.

**Saudi Arabia:** Mike Manafo, K3UOC, was operational as 7Z500 from Riyadh until July 1, 1996 using an IC736. He is now QRV again until July 5, 1997. Mike is primarily an HF and contest CW operator and operates 7Z5II as an experimental educational amateur radio station with full privileges for SSB/CW for 1 kW output. Despite the QRO, he is restricted to simple dipole and vertical antennas due to his QTH. --Tnx Six News.

**United Arab Emirates:** Next June, three ops will activate 50 MHz in A6. Call will be A6SIX. Grid square yet unknown. Special attn for EU on 50 MHz and AO13. ---John Collins via GJ4ICD.

**Chad:** Eric, F5JKK, will go to TT8 in March with his HF/50 MHz radio and 5 element antenna. Eric is looking for more power. ---Tnx GJ4ICD.

**Maldives Is.:** Andy Durrant, G7OEC, was active as 8Q7HF on Baros Island on the Northern Atoll of the Maldives in July 1995 using a Kenwood TS60S and half-wave vertical dipole. He was unlucky and made no QSOs but was heard by an EA8! Andy left his antenna and cable behind with the tour representative for other operators to use. If you are planning a visit, contact Andy at his callbook address. ---Tnx Six News

**Georgia:** Omari, the Georgian host of the 4L6PA DXpedition, is applying for a six meter license so that he can be QRV for the forthcoming Es season using his TS690S and five element beam from Metekhi. Power supplies are the main problem in Metekhi as the power is very erratic. He operates with batteries in Tbilisi during the Winter, but may not be able to transport these to his summer QTH. Omari's QSL manager is TA7A who lives in Trabazon. Omari travels by bus the 600 km to see his manager two or three times a year. Tnx Six News

**Jan Mayen:** Per, JX7DXA, is reported to be staying on Jan Mayen until April 1997 and will be QRV from IQ50. ---Tnx Six News

**Les Minquiers Reef:** A Belgian-led DXpedition to Les Minquiers Reef is being planned for July 24-28 1997. {IOTA contest is noon UT July 26 to noon July 27.} Les Minquiers is an uninhabited rock formation midway between St. Malo and Jersey {English Channel Islands}; it stretches for only 10 hectares. G7COC reports that there are a few dilapidated houses on the reef, that in the past served as a shelter for the shipwrecked who in the storms managed to jump onto the rocks. Access to the reef is very hazardous due to the many submerged rocks. Mooring can only be done during the two hour period of high tide. ---Tnx Six News

**New Caledonia:** Eric, F5TLP is QRV from FK0 until April 18, 1997. ---Tnx Six News



**Bahamas:** KM1E is QRV as C6AGN from Green Turtle Cay (NA-080) until May 20.

**Turkey:** David Court, OZ3SDL and G3SDL, is planning to operate from Turkey on the 6m band during May 1997. Dave was active as TA4/G3SDL a few years ago, and he will be using that same call sign from Antalya Loc KM56IV from May 18 to 25, 1997. QSL please either via the bureau to OZ3SDL or G3SDL, or direct with addressed envelope and IRCs or dollar bill to cover return postage to Mr. Dave Court, Soevj 7, 2880 Bagsvaerd, DENMARK. ---Tnx G4UPS.

**Oman:** "I understand from information received from Tony Selmes that there is now a strong possibility that the Omani authorities could now be more sympathetic to an application for 6m operations from that country. Should Tony, A45ZN, be granted a 6m permit--please note that all 6m QSL cards should be sent to G4UPS." Tnx G4UPS

**Zambia:** In a recent QSO, Brian 9J2BO revealed that he had made his first QSO on the 6m band with another 9J2 station. He intends to put up a dedicated 6m antenna for the forthcoming season. Brian is a very experienced internationally-known CW man and will be a very welcome addition to the growing number of exotic call-signs on the band! I have recently sent Brian a 6m beacon list and other information. ---Tnx G4UPS

**China, BS7H** - Tim Totten, N4GN reports that "a multinational team, led by BZ1OK and JA1BK, will set sail from the southern Chinese port city of Guangzhou (a.k.a. Canton) on 28 April, and is expected to commence the one-week operation from Huang Yan Dao [Scarborough Reef, AS-116] on Wednesday, 30 April, using the call sign BS7H. The primary goal of this operation is to provide at least one QSO with as many individual DXers as possible. For this reason, the operators will concentrate on those regions having the most difficult propagation paths (e.g., the eastern half of the U.S.), giving DXers in every corner of the globe the best possible chance to make it in the log. A secondary goal will be to provide QSOs on additional bands and modes, including 160 through 6 meters, CW, SSB, satellite and RTTY, with as many as four stations simultaneously on the air. Operators for BS7H 1997 include BZ1OK, JA1BK (who will also serve as QSL manager), JA1RJU, N7NG, W6EU (ex-WA6AUE) and W6RGG. The complete operating team, as well as the list of transmit frequencies, will be announced once they have been finalized. BS7H 1997 will also employ an 'operations support network' consisting of several stations throughout the world which will be in constant communication with the operating team from the time of their departure until their safe return. Thanks to the CRSA's [Chinese Radio Sports Association] tireless efforts to promote Amateur Radio within the People's Republic of China and to develop relationships with key agencies, this DXpedition enjoys strong support from the PRC government".

## December 96-February 1997 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, SM7AED's *Six-metre Info*, GJ4ICD (marked with #), JA1VOK's columns *World VHF News* in FIVE NINE and *V,UHF DX Topics* in MOBIL HAM, YO7VS, VK3OT, ZL1MQ, XE2HWP, VE7SKA, K6QXY, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1996, unless the month is 01 (then it is 1997). A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, A=Baby room monitor, B=beacon, C=CW, D=Digital, P=Cordless Phone, S=SSB, T=Television, W=worked, mode not mentioned, H=heard only.

### Reports of Africa

#### Ascension Is.

01052030 ZD8VHF -2035

B GJ4ICD

### Reports of Asia

#### ASIA, GENERAL

02190930-ASIAN TV 53 -1030 49.750 V ZL3TIC

02190930-ASIAN TV 55 -1030 48.250 V ZL3TIC

### Reports of Europe

#### EUROPE GENERAL

01031259+EUR INBAND TV

I G4UPS

01201134+EUR INBAND TV

I G4UPS

#### ALAND IS.

01281849 OH0AB 55A 59A JP90XI 728 OZ5W

#### AUSTRIA

01031101 OE2UKL 55/55 JN67 > IO80 S G4UPS

01031137 OE2UKL 58/58 JN67 > IO80 S G4UPS

01201714 OE5KE 599/599 JN78DF ADOLF C G4UPS

01201726 OE3LPB 59/59 JN88HC LEO S G4UPS

01201732 OE1APS 59/59 JN88FE ALFRED S G4UPS

01201746 OE3GWC 59/59 JN87CU GERD S G4UPS

01201807 OE9MON 59/59 JN47VL CARL S G4UPS

01201823 OE5BJP 59/59 JN68MC JOSEF S G4UPS

#### BALEARIC IS.

10231112 EH6ADW 599/599 JM19

C YO7VS

#### BELGIUM

01131528 ON5SE JN29UQ > JO76LN

SM7VHS#

#### CZECH REPUBLIC

12071050 OK

G3HBR

#### DENMARK

11101038 OZ6ABA 59+20 59 JO57JD

S YO7VS

11101057 OZ5AGI 55/59 59 JO56DF

S YO7VS

11101107 OZ1BUR 559 559 JO

C YO7VS

12210917 OZ2LD 44 MS

H G4UPS

12210917+OZ6VHF 559 -0923

B G4UPS

12211139 OZ2LD 55/55 JO54 MS

S G4UPS

12220834 OZ6VHF 569 -0843

B G4UPS

12250909 OZ6VHF 559

B G4UPS

01031319+OZ8ABE 57

H G4UPS



01031501 OZ8ZS 55 BRIEFLY H G4UPS  
 01031501+OZ6VHF 559 B G4UPS  
 01031652 OZ4VV 579/559 JO44QU FINN C G4UPS  
 01131440 OZ7IGY 599 B G4UPS  
 01131454 OZ5AGJ 55 CLG CQ -1457 H G4UPS  
 01141045 OZ6VHF -1050 B G4UPS  
 01201134+OZ7IGY 599 B G4UPS  
 01201144 OZ1BVW 59/59 JO45 S G4UPS  
 01201145 OZ1ELF 59/59 JO45 ERIK S G4UPS  
 01201146 OZ5AGJ 59/59 JO56DF BENNY S G4UPS  
 01201158 OZ9NI 59/59 JO65DJ ARNE S G4UPS  
 01201208 OZ7DX 59/59 JO66DA VOGG S G4UPS  
 01201711 OZ5AGJ 59 H G4UPS  
 01201711 OZ6VHF 559 B G4UPS  
 01201711 OZ7IGY 599 B G4UPS

## ENGLAND

10280915 G4UPS 579/579 IO80JV C YO7VS  
 11101140 G3SYC 55/55 599/539 JO93IQ W YO7VS  
 01131424 G4UPS IO89JV > JO76LN SM7VHS#  
 01131443 G3WZT IO90 > JO76LN SM7VHS#  
 01131520 G6HKM JO01FT > JO76LN SM7VHS#  
 02231007 G1BKI 41 > JO21JO 50.110 H PE1MZS  
 02231008 G7IEX CLG M1BKI 50.110 H PE1MZS

## ESTONIA

01131500 ES0SIX 579, 599 1600>1710 B G4UPS  
 01200956 ES0SIX 589 B G4UPS  
 01201035 ES1CW 599/599 KO29HK ARVO C G4UPS  
 01201209 ES1CW 59/59 KO29 ARVO S G4UPS  
 01201645 ES0SIX 599+ B G4UPS  
 01201655 ES1CW 599/599 KO29 ARVO C G4UPS

## FINLAND

12151013 OI3MF 559/559 KP20FR RAUNO C G4UPS  
 01071655 OH1SIX 569, 449 @ 1730 B G4UPS  
 01071703 OH3NLP 55/55 KP11RK JUKKA S G4UPS  
 01131608 OH1SIX KP11 599 50.025 B I2WSG#  
 01131613 OH1JJC 50.1396 IK2SGC#  
 01201215 OH1SIX 579 B G4UPS  
 01201244 OH3KKW 55/55 KP11WU PETRI S G4UPS  
 01201310 OH1SIX 579 -1340 B G4UPS  
 01281845 OH6QR 55A 55A KP22BN 1058 OZ5W  
 01281900 OH3MF 56A 57A KP20FR 948 OZ5W  
 01281904 OH2BNH 55A 57A KP20LG 945 OZ5W  
 01281907 OH2LXY 55A 55A KP20KE 937 OZ5W  
 01281928 OH3XA 54A 53A KP20DT 945 OZ5W  
 01281940 OH3NJC 55 55 KP11SN 962 OZ5W

## FRANCE

01031125 F8OP 579/579 JN26 GEORGE C G4UPS  
 01031213+F1JG 55 H G4UPS

## GERMANY

12010948 DL3AMA 559 MS H G4UPS  
 01031105+DL5BAC 559 H G4UPS  
 01031129 DL4MDQ 559/559 JN58 MAX C G4UPS  
 01201203 DJ4SO 57/57 JO44WG KLAUS S G4UPS  
 01201704 DL4ALI 59/59 JO50JW STEFFANS G4UPS  
 01201706 DF8AA 599/599 JO69XX WOLF C G4UPS  
 01201717 DL2SEW 59/59 WALTER S G4UPS  
 01201738 DK9RZ 59/59 JN69FV ERIC S G4UPS  
 01201740 DJ5CL 59/59 JN58WH INGO S G4UPS

## ITALY

12230914 I2WSG 55 -0916 MS H G4UPS  
 12241807 IK0FTA 59/59 JN61GV SERGIO S G4UPS  
 12241814 I5MXX 559 -1824 H G4UPS  
 12241814 IK0HFA 59/55 JN61 ROME S G4UPS  
 12241814 IW9 44 QSB H G4UPS  
 01031213+I3AVM 55 H G4UPS  
 01181721 IK8DYD 59/59 JN71 FRANCO S G4UPS  
 01181726 IOCMV 57 BRIEFLY H G4UPS  
 01181726 IK0BAL 55/55 JN62 S G4UPS  
 01201812 IV3CYT 59/59 JN65TW MARCO S G4UPS  
 01201846 IK3OCD 599/599 JN65 FLAVIO C G4UPS  
 01201848 IK4WTU 59/57 JN64DQ ALBERTOS G4UPS  
 01201852 IK5ZUL 59/59 JN52JW KARL S G4UPS  
 01201854 IK2QEI 59/59 JN45OO STEVE S G4UPS  
 01201857 IW2BZY 55/55 JN45NN S G4UPS  
 01201858 IK0RWX 59/57 JN61GQ S G4UPS

01201904 IK3LLD 55/55 JN55 ENZO S G4UPS  
 01201905 IK2HMU 59/59 JN45OI DAN S G4UPS  
 01201908 IW5BML 59/59 JN52JW S G4UPS

## LATVIA

01131625 YL3AG 559 CLG CQ H G4UPS  
 01201645 YL3AG 599/599 KO26AW C G4UPS

## LIECHTENSTEIN

01201811 HB0LL 59/59 JN47SE HUGO S G4UPS

## LUXEMBOURG

01131535 LX1BX JN39CO > JO76LN SM7VHS#

## MALTA

10231036 9H5ET 59 59 JM75GV S YO7VS

## NETHERLANDS

01030852 PA2VST 559 MS H G4UPS  
 01031306 PA3GML 599/599 JO22 CHRIS C G4UPS

## POLAND

12011115 SP4MPB 559 MS G4UPS  
 12071050 SP G3HBR  
 01031132 SP2HNF 559/559 JO94 C G4UPS  
 01031259 SP9SOI 559 H G4UPS  
 01201623 SP2NJE 59+/59+ JO92AT ADAM S G4UPS  
 01201626 SP5XMU KO02 TOM S G4UPS  
 01201628 SP3EPX 59/59 JO83ID BOZDAN S G4UPS  
 01201628 SR6SIX 569 B G4UPS  
 01201633 SP6NVN 59/59 JO81CJ JAHN S G4UPS  
 01201635 SP9SOI 579/579 JO90MG C G4UPS  
 01201640 SP6ASD 59/59 JO81LC TADEK S G4UPS  
 01201650 SP6OUL 59/59 JO90BF TONY S G4UPS  
 01201653 SP9QZF 59/59 JO90 ZIBI S G4UPS  
 01201708 SP8NCJ 59/59 KO12NC S G4UPS  
 01201710 SP9QZJ 59/59 JO90OA MAREK S G4UPS

## PORTUGAL

01131606 CT0WW 559 BKSCATTER -1608 B G4UPS  
 01191800-CT0WW/CS1ACP 50.0295 B N. UK.  
 01202000 CT0WW 559 IN/OUT B G4UPS

**ROMANIA:** Dietmar, YO7VS, writes that in Craiova the following stations are QRV on 6 and 2m. YO3LO/P, YO7ARY, YO7ARZ, YO7AKL, YO7CFD, YO7CKP, YO7BKX, YO7KAJ, YO7KJU, YO7LHT, YO7NH, YO7VJ, YO7VS.

## RUSSIAN FEDER.

01131438+UA INBAND TV STRONG -1740 I G4UPS  
 01201608 UA INBAND TV STRONG I G4UPS

## SCOTLAND

12211141 GB3LER 569 -1152 B G4UPS  
 12250910 GB3LER 449 QSB -0918 B G4UPS  
 01031105 GB3LER 569 B G4UPS  
 01201203+GB3LER 599 B G4UPS  
 02102153 GB3LER S9 AU > IO68 B GM3JJI

## SERBIA

01201821 YU1EU 579/579 KN04 AL C G4UPS

## SICILY

01181728 IT9IPQ 57/57 JM78SE PAULO S G4UPS

## SLOVENIA

01201801 S57EA 599/599 JN76HE MIRAN C G4UPS  
 01201825 S59F 59/59 JN65 IVO S G4UPS  
 01201828 S57AC 59/59 JN76 BOJAN S G4UPS

## SPAIN

01031557 EH1TA 55 VY QSB H G4UPS  
 01202009 EH1TA 55/55 IN53 JOE S G4UPS

## SWEDEN

12010943 SM3EQY 55/55 JP81 HAAKAN S G4UPS  
 12020850 SM7AED 559/339 CONSTANT C G4UPS  
 12030851 SM7AED 559/339 C G4UPS



12040850	SM7AED	579/579	C	G4UPS
12130852	SM7AED	579/559	C	G4UPS
12200848	SM7AED	559/449-->579/559	C	G4UPS
12220830	SM7AED	559/449-->599/599	C	G4UPS
12250855	SM7AED	579/579 599@0900	C	G4UPS
12270851	SM7AED	559/449	C	G4UPS
12270857	SM7FJE	569/559 BO JO65	C	G4UPS
12280857	SM7FJE	559/449 QSB	C	G4UPS
12290822	SM7AED	559/449	C	G4UPS
12290826	SM7FJE	559/449	C	G4UPS
12300848	SM7AED	579/559	C	G4UPS
12310850	SM7AED	569/559	C	G4UPS
01010850	SM7AED	559/449-->599/579	C	G4UPS
01030849	SM7FJE	579/579	C	G4UPS
01030851	SM7AED	569/579	C	G4UPS
01031105+SM1BSA		55	H	G4UPS
01031121	SM7CMV	55/55 KEN	S	G4UPS
01031202	SM7CMV	57/55 JO75AM > IO80	S	G4UPS
01031213	SM7AED	57/55 JO65 ARNE	S	G4UPS
01031213+SM3BIU		559	H	G4UPS
01031319	SM7WCS	55/55 JO66	S	G4UPS
01031319+SM7WDS		55	H	G4UPS
01040859	SM7AED	559/449	C	G4UPS
01050819	SM7FJE	569/559 VY QSB	C	G4UPS
01071645	SK3SIX	579	B	G4UPS
01120821	SM7AED	569/559	C	G4UPS
01130850	SM7AED	569/559	C	G4UPS
01131425	SM7VHS	59/59 JO76LN MARTIN	S	G4UPS
01131433	SM1BSA	559/559 JO97DP ARNE	C	G4UPS
01131438	SM7WDS	59/59 JO66WO	S	G4UPS
01131456	SM7WCS	59/57 JO66KF OTTO	S	G4UPS
01131516	SM1BSA	599/599 JO97DP	C	G4UPS
01131606	SM4DHN	JP60 59 50.1527	I2WSG#	
01131618	SM1BSA	JO97 599 50.120	I2WSG#	
01131632	SK3SIX	JP71 > JN45 50.070	B I2WSG#	
01131632	SM5DIC	50.1495	IK2SGC#	
01170850	SM7AED	569/559 VY QSB	C	G4UPS
01200951	SK3SIX	579 VY QSB	B	G4UPS
01200959	SM1BSA	449 WKG DJ2RE	H	G4UPS
01201013	SM1BSA	579-->599 JO97DP	C	G4UPS
01201027	SM3VEE	59/59 JP81 ANDERS	S	G4UPS
01201037	SM7TZK	55/55 JO77ML MARC	S	G4UPS
01201134	SM7AED	59/59 JO65NI ARNE	S	G4UPS
01201134+SM5JE		59	H	G4UPS
01201156	SM7WDS	59+/59+ JO66WO	S	G4UPS
01201222	SM0GWX	55/54 JO89XG ANDERS	S	G4UPS
01201229	SM7URQ	59/59 JO77MJ	S	G4UPS
01201229+SM1MUU		55	H	G4UPS
01201229+SM5TNL		55, SM5UFB 55	H	G4UPS
01201310	SK3SIX	449 -1340	B	G4UPS
01201644	SM1BSA	599/599 JO97	C	G4UPS
01201730	SM7FJE	599/599 JO65 BO	C	G4UPS
01220857	SM7AED	599/599	C	G4UPS
01260827	SM7AED	569	H	G4UPS
01281841	SM5GJB	55A 55A JP80VM 665	OZ5W	
01281917	SM3EQY	55A 55A JP81FI 710	OZ5W	
01282003	SM5CZK	53A 55A JO89OX 598	OZ5W	

#### SWITZERLAND

01201805	HB9AMZ	599/599 JN47SJ KURT	C	G4UPS
01201816	HB9DBM	559/539 JN47CD MARK	C	G4UPS

#### VATICAN

12241808	HV3SJ	599 -1824	B	G4UPS
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## Reports of North America

This month's TV and FM DX reports via Es were submitted by Pat Dyer, WA5IYX, San Antonio, TX and Danny Oglethorpe, Shreveport, LA.

#### CANADA

01280336	VE6NTT	DO31 > CN88 59+ AU	S	VE7SKA
02060445	VE6EMU	DO33 > DO31 AU	B	VE6NTT
02100201	VE3KKL	FN25>EM48 AU 50.126	S	WA0KBZ
02100750	VE6EMU	LOUD > DO33IM AU	B	VE6MK
02170625	VE6ARC	AU	B	VE6MK
02170625	VE6EMU	AU	B	VE6MK
02260330	VE6EMU	AU > DO33 50.041	B	VE6MK
02260330-VE6NTT		DO31 > DO33 57 AU	W	VE6MK

#### CUBA

12170005	CUBA	2 CU	T	OGLETHORPE
12170045	CUBAt	5 CU	T	OGLETHORPE

#### MEXICO

12162345	XHFM	2 VER	1243	T	OGLETHORPE
12170120	unID	2 XEW		T	OGLETHORPE
12200305	unID	2 Mexico		T	OGLETHORPE
12200335	unID	2 XHQ-3 Culiacan		T	OGLETHORPE
12200340	unID	4 & 2 XEW		T	OGLETHORPE
12231720	unIDs	2 XEW, etc.		T	OGLETHORPE
12310000	XEWO	2 JAL Guadalajara1003		T	OGLETHORPE
12310010	unIDs	2 & 4 Mexico		T	OGLETHORPE
12310200-XE		2 Mexican TV		V	K6QXY
01130013	XE1/VE7QRZ	EM08 > DL44		S	XE2HWB
01130016	XE1KK	-0105 > DL44		B	XE2HWB
01130029	XE1KK	EK09 > DL44		S	XE2HWB
01130100	XE2UZZ			B	K6QXY
01130138	XE1/VE7QRZ	55 EK08			K6QXY
011302XX	XF4CA	wkd in S. CA			W6
01130216	XE2HWB	59 DL44			K6QXY
01130224	XE2EED	DM12 > DL44		S	XE2HWB
01130225	XE2XC	DM12 > DL44		S	XE2HWB
01130100	XHKG	nr Mexico City 50.740	F	K6QXY	
02060356	XHBC	3 BCN Mexicali		T	WA5IYX

#### United States, W2

02092000	W2 FN43 > EN92 AU -2030	144	WA3TLB
02100150	WB2DUS FN22>EM48 AU 50.125	C	WA0KBZ
02100157	KA2HNG FN22>EM48 AU 50.125	S	WA0KBZ

#### United States, W3

01112100	W3 FN10 weak		K6QXY
02092030-W3	EN82 > FN03 AU	144	WB2ELB
02092030-W3	EN82 > VT AU	144	N1JEZ

#### United States, W4

12170003	WPBT	2 FL	939	T	OGLETHORPE
12170045	WFOR	4 FL	939	T	OGLETHORPE
12180100	WPBT	2 FL	939	T	OGLETHORPE
12180110	WFOR	4 FL	939	T	OGLETHORPE
01031700	W4	vy weak & spotty			K6QXY
02081520	W4	FM19 > EM48 WEAK			K0AZ
02251845	W4	FL > EM08			NOYKR

#### United States, W5

12301730	W5 NM, OK, TX		K6QXY	
12310200	W5 NM		K6QXY	
01031700	W5	vy weak & spotty	K6QXY	
01121807	KC5CPP	EM12 > DL44	S	XE2HWB
01121811	W5RWU	EM12 > DL44	S	XE2HWB
01121842	W5/W7KQV	EM10 > DL44	S	XE2HWB
01121850	W5FF	DM64 > DL44	H	XE2HWB
01121852	W5OZI	EM00 > DL44	S	XE2HWB
01121924	W5/W3XO	EM00 > DL44	S	XE2HWB
01121926	W5OZI		B	XE2HWB
01121927	KA5FYI		B	XE2HWB
01122032	KY5N	EM12 > DL44	S	XE2HWB
01122036	KC5CPP	EM12 > DL44	H	XE2HWB
01130012	W5FF	DM64 > DL44	S	XE2HWB
01230250	KC5HTM	EM13 > DM59 -0305	W	W0MTK
02052135	W5/W6JKV	EM10	S	XE2HWB
02052145	W5/W3XO	EM00	S	XE2HWB
02052152	W5OZI	-2235	B	XE2HWB
02052201	K5TA	DM65	S	XE2HWB
02052207	AC5JA	EM21	S	XE2HWB
02052302	W5FF	DM64	H	XE2HWB
02060118	W5OZI		B	W0MTK
02060124	W5TPV	WKD 0153	H	W0MTK
02060147-W5		EL29 > DM65		N5JEH

#### United States, W6

01122240	KC6WLC	DM04 > DL44	S	XE2HWB
01130215	KD6WW	CM98 > DL44	S	XE2HWB
01130216	K6QXY	CM88 > DL44	S	XE2HWB
01130217	WA6ZNM	CM89 > DL44	S	XE2HWB
01130218	KB6NAN	CM87 > DL44	S	XE2HWB
01130218	W6QUV	CM88 > DL44	S	XE2HWB
01130226	K6LGL	Santa Monica > DL44	S	XE2HWB
01130230	K6GMV	DM14 > DL44	S	XE2HWB
01130230	K6JZK	DM03 > DL44	S	XE2HWB



01130243 K6UM CM88 > DL44 S XE2HWB  
 01130310 N6XQ DM12 > DL44 S XE2HWB  
 01130312 KB6NAN CM87 > DL44 S XE2HWB  
 02060130 W6 > EM21 WA5JCI

# United States, W7

12200413 KNAZ 2 AZ 1045 T OGLETHORPE  
 12310155 KNAZ 2 AZ 1045 T OGLETHORPE  
 01051800 W7 AZ K6QXY  
 01121729 K7CA DM26 > DL44 S XE2HWB  
 01121730 K7ICW DM05 > DL44 S XE2HWB  
 01220300 W7 AZ K6QXY  
 02060130 KMOH 6 AZ Kingman > EM21 T WA5JCI  
 02060130 W7 AZ,NV > EM21 WA5JCI  
 02060230 W7 AZ H WA5IYX  
 02060231 KVBC 3 NV Las Vegas T WA5IYX  
 02060249 KTVK 3 AZ Phoenix T WA5IYX

# United States, W8-0

01112100 W8 OH weak K6QXY  
 01112100 W0 NE K6QXY

## Reports of Oceania

### American Samoa

01250000 KVZK 2 AM.SAMOA 55.2495 V ZL3TIC#

### AUSTRALIA GENERAL

02130300 VK TV 559 SCATTER 46.250 V VK3OT  
 02190421 VK TV-0 S2 46.170 V ZL3TY  
 02190930 VK TV-0 59+ 46.170 V ZL3TIC  
 02190945 VK TV-0 S1 QSB46.17, 51.74 ZL3TY  
 02190945 VK TV-0 S7 46.240 V ZL3TY  
 02200600 VK TV-0 WEAK 46.24/46.17 V ZL3TY  
 02260200 VK TV-0 599 > 0346 46.172 V VK3SIX  
 02260345 VK TV Aud 59++ 51.762/.915 F VK3SIX

### AUSTRALIA-VK1

01030841 VK1TX ZL2AGI  
 01040140 VK1VP ZL3NE  
 01250545 VK1RX ZL3TY#  
 01250700-VK1,2,3,4,5 ZL3TIC#

### AUSTRALIA-VK2

12210103 VK2/VK4ABW TR 144 ZL1TWR  
 12210111 VK2BBF TR 144 ZL1TWR  
 12210907 VK2ZAB TR 144 & 432 ZL1TWR  
 12210947 VK2XKE TR 144 ZL1TWR  
 12221300 VK2BE TR 1296 ZL1AVZ  
 12222017 VK2ZAB TR 432 ZL1TWR  
 1222XXXX VK2 TR 144 & 432 ZL1AVZ  
 01020300 VK2DN ZL3NE  
 01020445 VK2DBE ZL3NE  
 01030200 VK2DN ZL3NE  
 01030425 VK2XN ZL2AGI  
 01030805 VK2BHO ZL2AGI  
 01040300 VK2DN ZL3NE  
 01040325 VK2XKE Es 144 ZL3NE  
 01040425 VK2ZAB, VK2YUS, VK2DXE 144 ZL3NE  
 01040430 VK2/VK4ABW, VK2BBF Es 144 ZL3NE  
 01040435 VK2XKE Es 144 ZL3NE  
 01040650 VK2AIF ZL3NE  
 01042155 VK2DN ZL3NE  
 01060340 VK2DUC ZL3NE  
 01120005 VK2DN ZL3NE  
 01132348 VK2DN ZL2AGI  
 01132357 VK2DN ZL4TBN#  
 01140024 VK2ZAB ZL4TBN#  
 01140200 VK2ZAB ZL3NE  
 01140310 VK2DN ZL3NE  
 01152319 VK2DN 50.105 C ZL2AGI#  
 01160000 VK2DN ZL3NE  
 01242345 VK2QE ZL3TY#  
 01250314 VK2YO ZL3TY#  
 01250955 VK2BHO ZL3TY#  
 02260245 VK2RHV 539 Hunter V 52.325 B VK3SIX  
 02260251 VK2RSY 519 52.420 B VK3SIX

### AUSTRALIA-VK3

12080847 VK3AMZ, VK3DUT 144 ZL4DK  
 12211032 VK3AFW ZL3TLG

12211222 VK3AFW ZL3TIC  
 1221XXXX VK3DUQ, VK3HY, VK3YDE ZL3ADT  
 12221000 VK3OT & BY ZL2TPY ZL2MQ  
 12242347 VK3DUT ZL3TIC  
 1224XXXX VK3DUT ZL3AIC  
 12250921 VK3AFW ZL3NW  
 1230XXXX VK3DEM 144 ZL3ADT  
 01030220 VK3BWT 144 W ZL3NE  
 01030425 VK3LK ZL2AGI  
 01060345 VK3LK ZL3NE  
 01060543 VK3DEM ZL2AGI  
 01060852 VK3LK ZL2AGI  
 01080309 VK3OT 57 VK6HK#  
 01080334 VK3ZNF 23 VK6HK#  
 01210546 VK3DUT ZL4TBN#  
 01210704 VK3DEM 59+20 ZL4TBN#  
 01250512 VK3DEM, 0515 VK3DUT 59++ ZL4TBN#  
 01250615 VK3DEM ZL3TY#  
 02190949 VK3DUT 53/55 50.12 S ZL3TY  
 02260235 VK3 TV-0 Tamworth 46.261 V VK3SIX

### AUSTRALIA-VK4

12222323 VK4FNQ ZL3NW  
 01010245 VK4DO ZL3NE  
 01030414 VK4ZBK ZL2AGI  
 01070940 VK4TN ZL3NE  
 01082233 VK4JO ZL2AGI  
 01130114 VK4/VK2FZ ZL2AGI  
 01131302 VK4JH ZL4TBN#  
 01140206 VK4FNQ, @0214 VK4JH ZL2AGI  
 01140426 VK4DO ZL4TBN#  
 01150550 VK4DO ZL3NE  
 01160315 VK4GPS ZL3NE  
 01242308 VK4TZL, 2325 VK4SIX ZL3TY#  
 01250400 VK4/VK2FZ ZL4TBN#  
 01250519 VK4JH ZL2AGI  
 01250519 VK4JH 50.135 ZL2AGI#  
 01250802 VK4KK ZL3TY#  
 01300440 VK4/VK2FZ, @0455 VK4VV ZL3NE  
 02090236 VK4UTY > QM05 50.110 H JA1VOK  
 02090615 VK4 TV-0 -0715 46.17 V JA1VOK  
 02090655 VK4 TV-0 > PM75 46.17 V JA3JTG  
 02130200 VK4 TV-0 599 46.172 V VK3OT  
 02150500 VK4 TV-0 46.17 V JA1VOK  
 02160445 VK4 TV-0, S9+@0500 46.17 V JA1VOK  
 02260200 VK4RGG QG62 NeranG 50.058 B VK3SIX  
 02260245 VK4 ? 50.130 H VK3SIX  
 02260300 VK4/VK2ASI MOBILE 50.110 H VK3SIX  
 02260300 VK4APG QG62 > QH30 50.180 W VK4FNQ  
 02260310 VK4APG 59+ -0340 50.180 W VK3SIX  
 02260350 VK4ABP 559 QG26 52.345 B VK3SIX

### AUSTRALIA-VK5

01030345 VK5PO ZL3NE  
 01030416 VK5UBJ ZL2AGI  
 01030422 VK5AKK ZL2AGI  
 01040345 VK5AKK ZL3NE  
 01060145 VK5BC ZL2AGI  
 01060731 VK5ZAI ZL2AGI  
 01080246 VK5AYD 59+ Coober Pedy VK6HK#  
 01150950 VK5BC ZL2AGI  
 01230937 VK5BC 50.110 C ZL2AGI#  
 01250551 VK5PW, 0554 VK5RO ZL3TY#  
 01250937 VK5BC ZL2AGI  
 02260230 VK5BC 559 QF05 Renmark.110 VK3SIX

### AUSTRALIA-VK6

1225XXXX VK6OTZ, VK6YU ZL3KG  
 1225XXXX VK6OTZ, VK6YU, VK6AGY ZL3AAU  
 01250455 VK6APZ ZL3TY#  
 01250700-VK6APZ ZL3TIC#

### AUSTRALIA-VK7

01060950 VK7XR ZL2AGI  
 01210852 VK7XR ZL4TBN#  
 01210905 VK7XR ZL4LV#  
 01250604 VK7GUN ZL3TY#  
 01250630 VK7XR ZL3TY#  
 01250856 VK7DC 53-4 ZL4TBN#  
 01250902 VK7DC ZL3TY#  
 02260240 VK7RNE 539 QE37 50.057 VK3SIX



## AUSTRALIA-VK8

01080200 VK8RAS 579 B VK6HK#  
02181225 VK8VF > PM63 50.057 B JA5CMO  
02260200 VK8RAS Alice Sp. NT 50.047 B VK3SIX

## HAWAIIAN IS.

01200027 WH6T -0037 50.125 W JH1CCN  
02170XXX KHON 2 HI 3 HRS TEP V ZK1AA  
02181600 KH6HME TR > CM88 144/432 B K6QXY  
02182030-KH6HME TR WEAK 144.17 B K7RR/6  
02182358 KH6HME TR BK29>DM03 144 B K7JA/6  
02190145 KH6HME TR 0345,0600 144.17 B K6FV

## NEW CALEDONIA

01120135 FK8GM ZL3NE  
01242221 FK8FU ZL3TY#

## NEW ZEALAND

1208XXXX ZL3TIC, ZL3ADT 144 F VK3SP  
12211003 ZL3AAW, ZL3TIC VK3AFW  
12222350 ZL3TCV, @2400 ZL4TBN VK4FNQ  
1224XXXX ZL3AIC, ZL3IC VK3DEM  
01242255 ZL3NW BACKSCATTER ZL3TY#  
01250200-ZL3TY,ZL4LV,ZL4TBN,ZL4TPY ZL3TIC#  
01312215 ZL TV1 ION.SCATTER 45.261 V VK3OT  
01312230 ZL TV1 WELLINGTON 45.250 V VK3OT  
01312245 ZL TV 539 DIRECT 45.2604 V VK3OT  
01312300 ZL TV1 FLUTTERY 45.2396 V VK3OT  
02130200 ZLTV-1 559 45.2396 V VK3OT  
02130200 ZLTV-1 45.2500/.2502 V VK3OT  
02130300 ZLTV-1 599 45.260/.2604 V VK3OT  
02130430 ZLTV-1 599 45.2396 V VK3OT  
02130430 ZLTV-1 S9 50.740 F VK3OT  
02130450 ZLTV-1 539 SCATTER 45.250 V VK3OT  
02260300 ZL TV1 539 NE 45.2396/2496 V VK3SIX

## W6JKV Countries

Here is a list of countries I have visited since 1980 and my call signs. My new address is 10915 Bee Caves Rd., Austin, Tx. 78733, U.S.A. My phone number is 512-263-8239.

Fiji	3D2JT	1980,1982
W Samoa	5W1JT	1990
Barbados	8P6/W6JKV	1982
Tonga	A35JT	1982
Gambia	C5AEH	1981
Easter Is	CE0/W6JKV	1983
Maderia Is	CT3/W6JKV	1989
Azores	CT2/W6JKV	1983
Azores	CU2/W6JKV	1986
Guadaloupe	FG/W6JKV	1992
Saint Martin	FS/W6JKV	1991
Wallis & Fatuna	FW/W6JKV	1990
San Andres	HK0/W6JKV	1992
Honduras	HR6/W6JKV	1995
Grenada	J37AV	1993
St Lucia	J6/W6JKV	1983
Dominica	J79/W6JKV	1990
St. Vincent	J88/W6JKV	1986
Mariana Is.	KH0/W6JKV	1982
U.S. Virgin Is.	KP2/W6JKV	1993
Desecheo	KP5/W6JKV	1985
Greenland	OX/W6JKV	1984
Aruba	P40JT	1988
St Maarten	PJ7/W6JKV	1991
Tuvalu	T20JT	1989
W. Kiribati	T30DJ	1989
Cocos Is.	TI9/W6JKV	1983
Antigua	V2A/W6JKV	1987
Antigua	V2/W6JKV	1995
Belize	V3GE	1985
Belize	V31IV	1988, 1992
St. Kitts	V47/W6JKV	1987
St. Kitts	V47KV	1996
Micronesia	KC6YE	1982
Mirconesia	V63JT	1989
Canada	VE8/W6JKV	1989
Anguilla	VP2EME	1984
British Vir.	VP2V/W6JKV	1994

Turks & Cai.	VP5/W6JKV	1994, 1996
Turks & Cai.	VP5H	1996
Mexico	XE1JJU	1982, 1984,1985,1986
Mexico	XE1/W6JKV	1994
Revilla Gi	XF4/XE1JJU	1982
Aves Is	YV0/W6JKV	Rejected Arrl
Cayman	ZF2DN	1980, 1981, 1982
Cayman	ZF2QR	1991, 1993, 1995
Cook Is.	ZK1XE	1980f

## Beacon News

W1VHF: is new call sign of K1IKN listed last month.

**Papua/New Guinea:** The Darwin 6 meter group have developed a 5 Watt beacon/keyer combo designed for remote and solar applications. We hope to deploy this to P29 and several others around the top of Australia. There is also a 50 Watt PA option for the unit. ---Rex, VK8RH via GJ4ICD.

**FP5XAB:** Word from Ron Thompson, FP5EK, licensee for FP5XAB, is that the beacon is not on the air yet as he has chosen but not yet purchased the antenna he feels is most suitable for his WX conditions. The power output will be just over 15W and the antenna will be a horizontally polarized V (W0MTK design). "After the winter bills are paid I look forward to having the beacon operating continuously in late April or early May." ---Tnx GJ4ICD

## Pelendava - Craiova Award

An award is being offered by the Radioclubul Judetean Dolj for working at least two stations from Craiova City on 6 or 2 meters. Send log + QSLs + 7 IRC or equivalent to award manager Dietmar Arnulf Schmidt-Bold, YO7VS; Bulevardul Dacia (Rocada); Bloc 16; Scara 1; AP.1; Parter; R-1100 CRAIOVA 7, JUDETUL DOLJ, ROMANIA.

## 1997 SMIRK Contest

The SMIRK QSO Party, sponsored by the Six Meter International Radio Klub will take place between 0000Z June 21 and 2400Z June 22. Six meters only, voice and/or CW. All voice contacts between the 48 contiguous states and lower-tier Canadian stations must be made above 50.125 MHz; CW below 50.100 MHz or above 50.125 MHz. Only DX contacts are permitted between 50.100 and 50.125 MHz. Exchange callsign, SMIRK # and grid square. No crossband or partial contacts allowed. Only FM-simplex allowed.

**Regular scoring:** 2 points for each contact with a SMIRK member and 1 point for each contact with a non-member.

**Enhanced scoring:** Voice contacts and exchanges between US and lower-tier Canadian stations which are made above 50.200 will qualify for double your score; e.g., if you can make your exchange above 50.200, score 4 points for each SMIRK contact and 2 points for a non-SMIRK contact. You cannot work a station twice, once below 50.200 and once above 50.200, but you are certainly permitted to solicit the QSO between 50.125-50.200, then move up to or above 50.200 to exchange information. The purpose of this is to try to determine if stations have any problems with equipment and/or antennas above 50.200.

Final score is total points x total of grid squares worked. Send a legal-sized SASE for copy of log forms. Awards: Certificates will be issued to high scorer in each state, province or foreign geographical division. Send log requests or logs (postmarked no later than July 15) to Pat Rose, W5OZI,



PO Box 393, Junction, TX 76849-0393. Contest info and official log forms may be downloaded from the SMIRK Six-Shooter Web Page on the Internet at <<http://www.cswnet.com/~ka0nno>>.

Note that we have deleted the requirement to be a paid-up member to receive an award. If we insisted on that there wouldn't be many award, hi. Besides, the idea is to have a fun contest and encourage everyone to participate and try for an award.

## More Call Letter Changes

KH6HH	KH7R	BL01	Ken Hoppe, Honolulu HI
AH6IO	WH6T	BL01	R.D.LaChance, Kailua HI
NG0X/6	N6NZ	CM87	David Curtis, Sunnyvale CA
NR6E	W7KK/6	CM88	David Eubanks, Benicia CA
WA8LLY/6	K6UM	CM88	Steven Lund, Sebastapol CA
W6HDO	K7RR/6	CM95	C Buttschardt, MorroBay CA
K6HXW	W6WE	CM95	P Goshay, Arroyo Grande CA
AA7NH	K7ZL	CN84	Thomas Trent, Eugene OR
WA6RAY	W6FC	DM03	F Cartier, Manhat.Beach CA
WA6FIT	W6ZQ	DM03	R Cade, HuntingtonBeach CA
N6DLU	N7UE/6	DM04	David Ritchie, Pasadena CA
K1FJM/6	N6ZE	DM04	Peter Heins, 1000 Oaks CA
NC7K	K7XC	DM09	Timothy Marek, Reno NV
KJ6FP	N6HKF	DM14	Charles Olive, Corona CA
WA6MGZ	W7CS	DM42	C Smallhouse, Oracle AZ
KN5S	K5AM	DM62	M Mandelkern, LasCruces NM
WA1JXN/7	W7GJ	DN27	R Collister, Frenchtown MT
K1LL/0	K1ART/0	DN84	A Hambleton, Black Hawk SD
W1ICW	W5ICW	EM01	John Kehley, Zephyr TX
NO0Y	N0JK	EM28	Jon Jones, Wichita KS
WB5IGF	W5ZN	EM45	Joel Harrison, Judsonia AR
AA0YT	K4SSO/0	EM48	Colin Wright, Arnold MO
WB9CEP	K9RU	EM69	J Rinehart, Indianapolis IN
N3AHI/4	K4BI	EM74	James Holt, Sugar Hill GA
N8AXA	N8XA	EM79	Phil Russo, Dayton OH
W9OEH	K8LEE	EM79	W McKenzie, Lawrenceburg IN
WA0FLS	W0FLS	EN31	D Raymond, W DesMoines IA
NC0P	N0NI	EN31	Radebaugh, MitchellvilleIA
KB0CV	K0PJ	EN34	Greg Deuhs, St. Paul MN
KB0ZQ	W0ZQ	EN34	J. Platt, Bloomington MN
K9DZE	W9DZ	EN61	Al Jones, Michigan City IN
W9FTI	W9FS	EN71	J Dougherty, Ft Wayne IN
WG8Q	W7JW/8	EN82	Jeff Wheeler, Livonia MI
WA4TNV	W4TNV	FM05	Carlos C Lane, Calypso NC
WB2KMY	K2AD/4	FM07	D Sharp, Poughkeepsie NY
WB4DBB	N4CH	FM07	Herman Cone III, Goode VA
WB4NFS	W4NF	FM18	John OMara, Woodbridge VA
KF3P	K3MM	FM19	Tyler Stewart, Damascus MD
KD5RO/2	K2DH	FN12	David Hallidy, Wayland NY
N2NCU	K1NXG	FN13	F Steenhoff, Rochester NY
W2HPF	W2FU	FN13	Jeffrey Ach, Webster NY
KB9NM	W9JJ/1	FN31	Bart Jahnke, Newington CT
W1ENQ	W1EN	FN31	L Stoltze, E Hartland CT
AA2Z/1	K1RO	FN31	M Wilson, Glastonbury CT
WB2IEY	K2III	FN31	Tom Richmond, Maryknoll NY
KH6CP/1	W1VT	FN31	Zack Lau, Newington CT
AA2AM	K1IM	FN33	Tom Nelson, Glensfalls NY
N1KTM	W1LP	FN41	C Walker, E Sandwich MA
WA1HYN	K1ZE	FN41	E Shekleton, Foster RI
K1IKN	W1VHF	FN41	John McManus, Warwick RI
W2CAP/1	W1RA	FN41	S Wilson, Yarmouthport MA
WA2SCA	K1EP	FN42	Ed Parish, N Reading MA
KAIYQ	K1MS	FN42	Ivan Pagacik, Littleton MA
K1FWF	K1AE	FN42	John D Allen, Boston MA
K1MNS	K1CA	FN42	Laurent Blouin, Derry NH
WA1UGE	W1SZ	FN43	David Cipolle, Newton NH
AK4L	W1VE	FN43	Gerald Hull, Greenfield NH

## Plate Voltage

### Snarfed from the Internet

One often has to consider that things may not always be as they seem, particularly when Local QRPers are asking questions. Absolutely! We had been to an annual get together a few weeks back and it was a mixture of traffic types, those

who like to tinker and build homebrew gear, and of course, DXers! DXers are drawn to other DXers and no gathering of the amateur fraternity has ever proven this otherwise . . . it is one of the Inevitable Truths of DXing. Believe that, for it always has been.

We were sitting at a table with a few of the true blue DX types, talking about the Great Days of DXing and the imminent arrival of cycle 23 when one of the Local QRPers came along with his tray. He spied the one empty seat, and being a Seeker of Knowledge, this QRPer sat down and began right off with a question: "If you guys were going to build a linear, what kind of tube would you use?" he asked, looking quickly from one to the other. No one answered for a moment, then one of the big guns shrugged and replied, "Well, I guess I'd probably go with a pair of 3-500Zs . . . they're pretty rugged and not that expensive." The QRPer nodded and waited. "8877s are good tubes too." another of the true-blue types offered. The QRPer had pulled out his notebook and was writing all this down. QRPers keep methodical notes, especially when they are driven by a single purpose. Remember that. A QRPer on a mission is dangerous.

Never let your guard down.

"And what about you?" the QRPer said, looking straight at us, "What would you use?" We thought for a moment, then replied: "Either of the two mentioned are good choices" we said carefully, "and the we are hearing good reports about the 4CX1600B too . . . 50 watts from the exciter will get you 1500 out. But none of us are really considering building an amp right now." We got nods of agreement from around the table and we decided to pursue this a bit further. This QRPer had an agenda and we had to know more.

"Why are you so interested in tubes?" we asked. The QRPer took a bite of his lunch and looked at us carefully, then did the double take and answered our question with a question. "Let's say someone wanted to double up a pair of those 4CX1600Bs. How much power would you expect from 100 watts drive? Am I correct in assuming that if 50 watts will generate 1500 watts, then a pair of them will put out 3 kW?" We weren't sure where this was leading and we were getting a bit out of our league. "We've never built an amp" we replied, "and a lot of this depends on the design and efficiency of the components involved. In theory, you're probably right. But what's the point? You can't run 3 kW anyhow. You'd be cited for excessive power and if you kept it up, you'd be off the air." The QRPer glared at us with his beady little eyes and plowed right on. "Yeah, yeah, I know all that" he said, wiping a bit of sweat from his upper lip, "but let's say you could do it, what would be the best way? Get three, maybe four of those killer 1500-watt tubes and try to drive them with the exciter, or build an intermediate with a single 3-500Z and use that to drive the final? And if someone was to do that, use an intermediate amp, would 5 kW output be possible?"

Son of a Gun! How does one answer a question like that? It was obvious we had a QRPer who had done a lot of thinking before asking. So we did the obvious. We excused ourselves, and hauled this Seeker of QRO Knowledge over to the table in the corner where the Old Timer was sitting with Red-Eyed Louie. The Old Timer had built his share of amplifiers and the QRPer repeated his question, referring to his notebook and getting ready to write. The Old Timer leaned back in his chair, looked up at the ceiling for a moment and then looked back at the QRPer. "What we have to answer here" he said, "is not how, but why." The QRPer looked puzzled as the Old Timer continued. "Now, you were by the other day and you were complaining that you had missed Heard Island.



Remember how you said you called and called for hours and they never came back to you? And I told you that the reason they didn't come back to you was because they didn't hear you? Do you remember that?"

"Exactly!" the QRPer replied in an excited tone, "and I listened to your advice too. You guys are always telling me to remember what Albert said: That all things are relative, some more so. So I did my homework, and I researched as much of Albert's work as I could find. And I believe I have found the answer. Everyone knows of the famous equation,  $E=MC$  squared, right?" The Old Timer simply looked at the QRPer without saying a word. "Well" the QRPer continued, "I found the pages of complicated equations that Albert used to derive that formula . . . and in there, buried among the integrals and complex formulas is the answer! I now know the reason I missed Heard and how I can prevent it in the future! It has been there all along and no one noticed it."

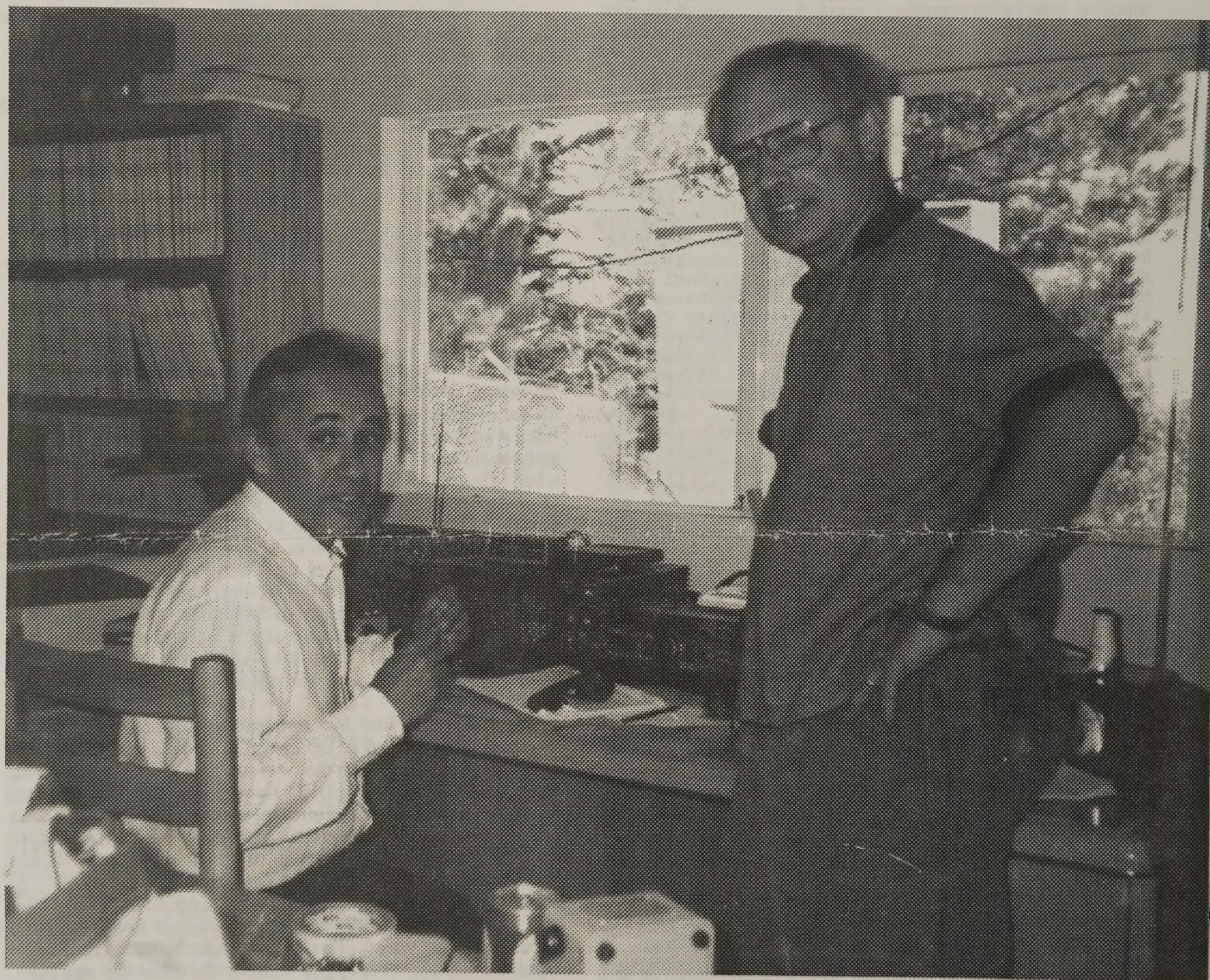
$E (\text{squared}) = DX$

"It's obvious that E is the plate voltage! And if you square the plate voltage, you will certainly increase your output power. Albert was telling us that the more power you run, the more DX you will work. Why didn't anyone notice this before?"

The Old Timer looked at the QRPer, then at us, and then turned back to his meal and his conversation about DX spots with Red-Eyed Louie. It was clear he wasn't going to comment. The QRPer looked at us for a moment, then asked, "What's wrong with him? Is he jealous because I've discovered one of the Mysteries of the Ages? I bet that's it! Maybe even with that cloud of aluminum he has over his shack, he missed Heard too!" We walked over to the door with the QRPer and patted him on the shoulder as he was walking out: "You're probably right", we said quietly, "and when you get that amplifier built, let us know how it all works out." The QRPer nodded in agreement and trotted off down the street, determined to get his order in for as many tubes as he could sneak by the XYL's budget.

When we returned to our table, we were deep in thought. While we were convinced most true-blue DXers ran maximum power, and some maybe even a bit more, we couldn't shake this picture of blasted coax, fused elements and TVI complaints! Somehow, we didn't think that Albert was referring to plate voltage. And while an extra kW will get you an S-unit or two, we had the feeling that knowing the DXpedition was working split might help too.

73/DX Paul VE1DX



Andre, PY0FF, and Jimmy, W6JKV, at Jimmy's Los Altos CA Shack